



Attorney's Docket No. 5470-238

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re: MacDonald et al.

Serial No. 09/288,837

Filed: 8 April 1999

For: *METHODS AND MODIFIED CELLS FOR THE TREATMENT OF  
CANCER*

Group Art Unit: 1642

Examiner: B. Brumback

Date: March 26, 2002

Commissioner for Patents  
Washington, DC 20231

**Amendment**

#  
23/E  
KD  
4-30-02

Responsive to the Office Action dated November 26, 2002, it is respectfully requested that the above-referenced application be reconsidered in view of the following amendments and remarks.

**In the Claims.**

Please amend the claims as follows:

84. (Three Times Amended) A composition comprising infectious alphavirus particles in an immunogenically effective amount to prevent or treat cancer, wherein said alphavirus particles comprise one or more heterologous nucleotide sequences encoding an antigen; and wherein said antigen is a native cancer cell antigen, and further wherein said alphavirus particles comprise one or more attenuating mutations.

95. (Twice Amended) A composition comprising infectious Venezuelan Equine Encephalitis (VEE) particles in an amount effective to immunogenically effective amount to prevent or treat cancer, wherein said VEE particles comprise one or more heterologous nucleotide sequences encoding an antigen; and wherein said antigen is a native cancer cell antigen, and further wherein said VEE particles comprise one or more attenuating mutations.